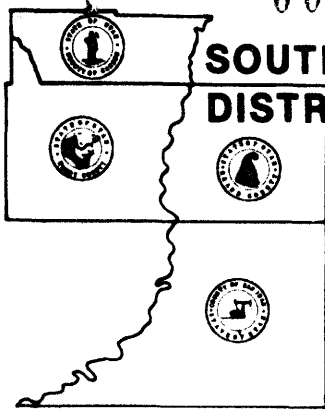


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# **SOUTHEASTERN UTAH DISTRICT HEALTH DEPARTMENT**

6 East Main  
P.O. Box 800  
Price, Utah 84501  
(801) 637-3671

- ☐ P.O. Box 803, East Carbon, Utah 84520 -- 888-4411
- ☐ P.O. Box 644, Castle Dale, Utah 84513 -- 381-2252
- ☐ P.O. Drawer E, Moab, Utah 84532 -- 259-5802
- ☐ P.O. Box 127, Monticello, Utah 84535 -- 587-2021
- ☐ P.O. Box 545, Blanding, Utah 84511 -- 678-2723

March 4, 1983

Mr. Wendell J. Owen  
P.O. Box 1245  
Huntington, Utah 84528

*ACT/015/025  
#3*

Dear Mr. Owen:

Your application for a septic tank installation to serve a bath house in Bear Canyon, Emery County has been received and is in the process of being reviewed. Before a final determination can be made additional information is needed. Those items needing clarification are as follows.

Information is required about the source of water intended to serve the facility. This information must include the water supply source including plans and specifications for the source development, distribution system including storage tanks. Evidence of a right to use the water must be given including a letter from the dept. of state water rights showing the necessary approvals have been obtained.

A contour map of the area of the drain field should be supplied. This should be at 2 foot intervals and show the location of any ditches, streams, or gullies in the area of the proposed drain field.

The test holes for soil conditions and water table should extend to a depth of at least 4 feet below the bottom of the proposed drain system. Evidence of suitable soil must be given for all parts of the system.

You are reminded that construction of the system must not begin until your plans have been found to be acceptable and a permit to begin construction has been given. During construction on site inspections must be made when the trench has been excavated but before any rock has been placed in the pit, and when the rock has been but prior to backfill.

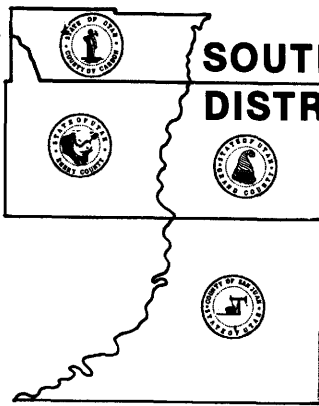
When the requested information has been received we can proceed with the evaluation of the plans. Should you have any questions, please call me.

Sincerely,

*Michael D. Herkimer*

Michael D. Herkimer  
District Sanitarian

MDH/jt



**SOUTHEASTERN UTAH  
DISTRICT HEALTH DEPARTMENT**

6 East Main  
P.O. Box 800  
Price, Utah 84501  
(801) 637-3671

P.O. Box 803, East Carbon, Utah 84520 -- 888-4411  
P.O. Box 844, Castle Dale, Utah 84513 -- 748-2252  
94 East Center, Moab, Utah 84532 -- 259-5602  
P.O. Box 127, Monticello, Utah 84535 -- 587-2231 ext. 19  
P.O. Box 545, Blanding, Utah 84511 -- 678-2723

March 17, 1983

Mr. Everett Hooper  
4241 Office Building  
Salt Lake City, Utah 84114

Dear Mr. Hooper,

This letter is in regard to the Co-op Mine, Bear Canyon operation. I talked with you over the phone about two proposed septic tank systems. One is for a truck scale house and an office building, and the other for a proposed bath house.

I have approved plans for the septic system at the truck scale house, and I understand you have a copy of these plans. Plan approval means construction can begin only after a building permit is obtained from the county. However, they are not to deviate from the approved plan.

Included in this letter are the plans submitted to me by Co-op Mine for the bath house septic tank, and a letter written by me to Mr. Owen requesting additional information.

I will do my best to keep you informed of any future developments.

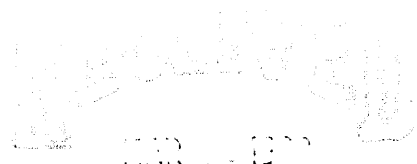
Sincerely,

*Michael D. Herkimer*

Michael D. Herkimer, R.S.

cc: Steve McNeal  
Gerald Story

Encl.



DIVISION OF  
HEALTH SERVICES

**SOUTHEASTERN UTAH HEALTH DISTRICT  
APPLICATION FOR SEPTIC TANK**

Name of Owner: Co-op Mining Co.  
 Address: Box 1245 Huntington UT. Telephone: 248-5238  
 Name of Contractor: \_\_\_\_\_ License No. \_\_\_\_\_

PLACE OF INSTALLATION: Beaver Canyon

**REMARKS WILL BE REJECTED UNLESS ACCOMPANIED BY THE FOLLOWING:**

1. Completed percolation test certificate with a minimum of 2 test holes, and soil exploration result.
2. \$0.00 permit fee (cash, check, or money order).

Is to be installed on a federal loan? (FHA, VA, FARMER'S HOME) Yes \_\_\_\_\_ No X  
 Water supply: Public \_\_\_\_\_ Private X

**ADDITIONAL INFORMATION**

Maximum number of bedrooms in home none, will there be a plumbed basement? \_\_\_\_\_

Size of Septic Tank 500 gals. (Minimum 1000 gals. for 4 bedroom or less, and add 250 gallons for each additional bedroom). BATH HOUSE - MAXIMUM 40 PERSONS @ 25 GAL. PER DAY PER PERSON - MAXIMUM 1000 GAL PER DAY

Amount of absorption area required per bedroom is determined by the percolation test and table I. Minimum area per bedroom in square feet is \_\_\_\_\_.

Total amount of trench bottom area needed:  
 #bedrooms, times \_\_\_\_\_ minimum sq. ft. per bedroom, 1000 sq. ft. 1.43 gal / ft<sup>2</sup> / day

Total amount of trench bottom to be installed 1000 sq. ft.

The minimum number of lateral trenches is two, maximum length of 100 feet, with a maximum slope of the pipe being 6 inches in 100 feet. (level preferred)

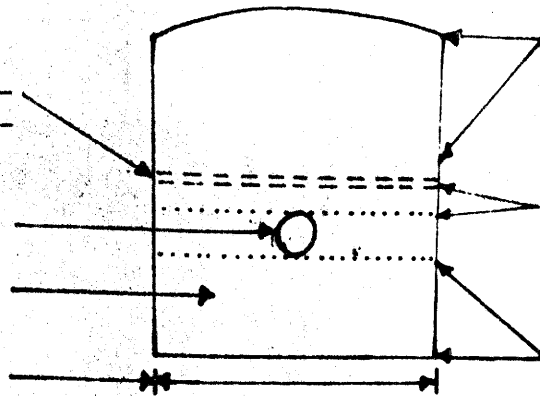
**TRENCH CROSS-SECTION**

Barrier of:  
 Straw \_\_\_\_\_  
 Paper \_\_\_\_\_

4 inch pipe

Gravel size  
 1/2 to 2 1/2 in.

Trench width  
3 ft.



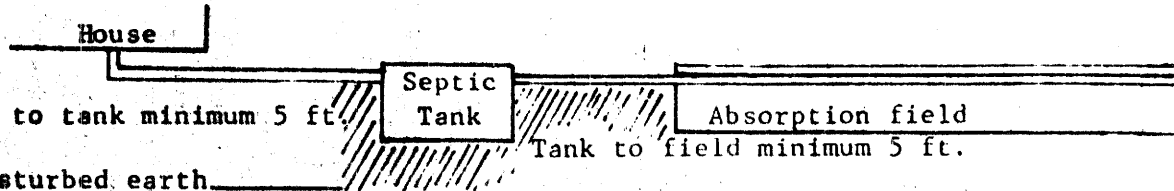
Minimum width 1 ft.  
 Maximum width 3 ft.

Minimum 1 ft. of fill over septic tank.  
1 ft. fill over septic tank.

Amount of back-fill over barrier 1 ft.  
 Minimum 1 ft.

Amount of gravel over pipe 2 in.  
 Minimum 2 in.

Amount of gravel under pipe 7 ft. 0 in.  
 Minimum 6 inches or 12 inches if within 10 feet of trees.

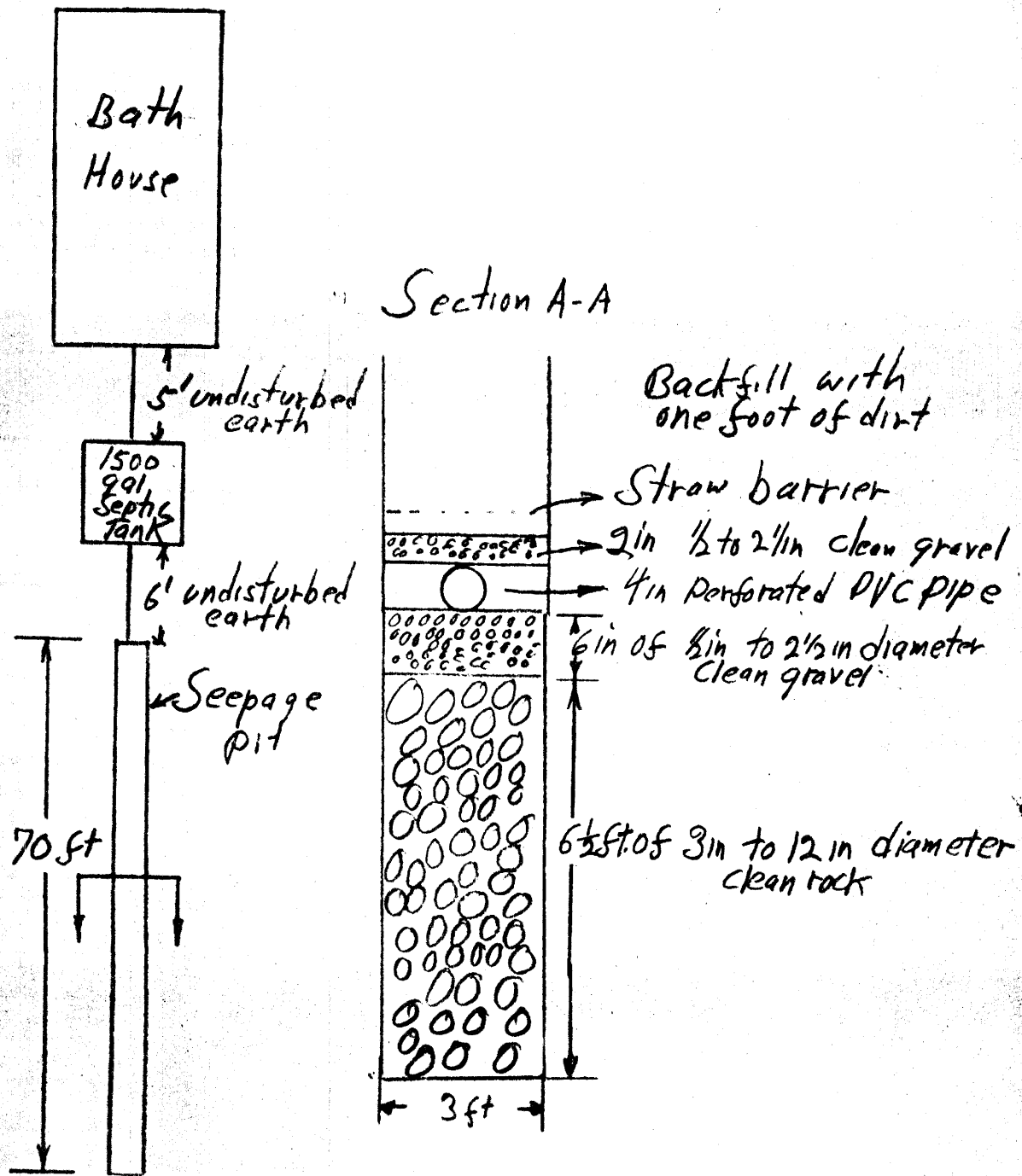


Wall to tank minimum 5 ft.

Tank to field minimum 5 ft.

Undisturbed earth

# Proposed plan for Septic System for Bath House - Bear Canyon - Co-op Mining Co.



UTAH STATE DIVISION OF HEALTH  
Information required for determining soil suitability  
for subsurface wastewater absorption systems

PERCOLATION TEST CERTIFICATE AND SOIL EXPLORATION RESULTS

Property Location: Ben Canyon  
- more than 200' distance from creek

I certify that percolation tests have been conducted on the above property, in accordance with requirements specified in the Code of Waste Disposal Regulations, Parts IV, (IV-27 on pages 13 & 14) and V, (V-29 on pages 14 & 15), adopted by the Utah State Board of Health and the Utah Water Pollution Control Board, and that percolation rates, calculated as specified by said regulations, are as follows:

Test Hole No.	Test Hole Depth	Inches Drop Final 10 or 30 min. Period (Circle period used)	Percolation Rate Minutes per inch (10 or 30 min./inches water dropped)
<u>1</u>	<u>10'</u>	<u>5.5</u>	<u>5.45</u>
<u>2</u>	<u>10'</u>	<u>6</u>	<u>5</u>

Statement of soil conditions obtained from soil explorations to a depth of 10 feet. In the event that absorption system trenches will be deeper than six feet, soil explorations must extend to a depth of at least four feet below the bottom of the proposed absorption trench. A descriptive log of each exploration hole should be given. (Use reverse side or additional sheets if necessary.)

Soil consists of clay with  
considerable gravel. No water  
was encountered. We do not  
expect ground water at any time  
during the year

Statement of present and maximum anticipated ground water elevation throughout the property and area of the proposed soil absorption system.

I hereby certify that to the best of my knowledge, the foregoing information is correct.

Signed W. J. Brown

Address Box 1245

Huntington, Utah

(Unsigned percolation test certificates will not be accepted)

Date 11/23/82